

Firstar Plaza
One South Pinckney Street
Post Office Box 2113
Madison, Wisconsin 53701-2113
Tel 608.251.5000
Fax 608.251.9166
www.quarles.com

Attorneys at Law in:
Phoenix and Tucson, Arizona
Naples and Boca Raton, Florida
Chicago, Illinois (Quarles & Brady LLC)
Milwaukee and Madison, Wisconsin

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APR 1 2002
TECHNICAL 1600/2900

April 8, 2002

Commissioner for Patents
Box CPA
Washington, DC 20231

Re: Filing Continued Prosecution Application

Dear Sir:

Enclosed for filing please find a Continued Prosecution Application entitled:

METHOD FOR IDENTIFYING MUTANTS AND MOLECULES

by William F. Dove
Alexandra Shedlovsky

The undersigned hereby certifies that this document is being deposited with the United States Postal Service today, April 8, 2002, by the "Express Mail" service, utilizing Express Mail label number ET924501567US, addressed to: Commissioner for Patents, Box CPA, Washington, DC 20231.

Please indicate receipt of this application by returning the attached postcard with the official Patent and Trademark Office receipt and serial number stamped thereon.

Respectfully submitted,

A handwritten signature in black ink, which appears to be "William F. Dove", followed by a horizontal line.

QBMAD\328928
Enclosures

CHECK BOX, if applicable

740.00 CH
108.00 CH

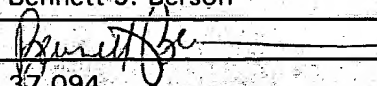
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

CLAIMS	(1) FOR	(2) NUMBER FILED	(3) NUMBER EXTRA	(4) RATE	(5) CALCULATIONS
	TOTAL CLAIMS (37 CFR 1.16(C))	26 - 20* =	6	X \$18 =	\$ 108.00
	INDEPENDENT CLAIMS (37 CFR 1.16(B))	2 - 3** =	0	X \$ =	\$
	MULTIPLE INDEPENDENT CLAIMS (IF APPLICABLE) 37 CFR 1.16(d)			X \$ =	\$
				BASIC FEE (37 CFR 1.16(A))	\$ 740.00
	Total of above Calculations =				\$
	Reduction by 50% for filing by small entity (Note 37 CFR 1.9, 1.27, 1.28)				\$
	* Reissue claims in excess of 20 and over the original patent ** Reissue independent claims over the original patent				
	TOTAL =				\$ 848.00

6. ☐ Small entity status: Applicant claims small entity status.
7. The Commissioner is hereby authorized to credit overpayments or charge the following fees
Deposit Account No. 17-0055.
- a. ☒ Fees required under 37 CFR 1.16.
- b. ☒ Fees required under 37 CFR 1.17.
- c. ☒ Fees required under 37 CFR 1.18.
8. ☐ A check in the amount of \$ _____ is enclosed.
9. ☐ Payment by credit card. For PTO-2038 is attached
10. ☐ Applicant requests suspension of action under 37 CFR 1.103(b) (fee under 37 CFR 1.17(i) enclosed)
11. ☐ New Attorney Docket Number, if desired _____
(Prior application Attorney Docket Number will carryover to this CPA application unless a New Attorney Docket Number has been Provided herein).
- 12 a. ☐ Receipt for Facsimile Transmitted CPA (PTO/SB/29A)
- b. ☒ Return Receipt Postcard (Should be specifically itemized, See MPEP 503)
13. ☐ Other:

NOTE: The prior application's correspondence address will carry over to this CPA
UNLESS a new correspondence address is provided below

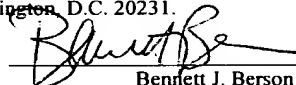
10. NEW CORRESPONDENCE ADDRESS					
<input type="checkbox"/> Customer Number or Bar Code Label		(Insert Customer No. or Attach bar code label here)		or <input checked="" type="checkbox"/> Correspondence address below	
NAME	Bennett J. Berson				
	Quarles & Brady LLP				
ADDRESS	1 South Pinckney Street				
	P O Box 2113				
CITY	Madison	STATE	WI	ZIP CODE	53701-2113
COUNTRY	USA	TELEPHONE	608/251-5000	FAX	608/251-9166

11. SIGNATURE OF APPLICANT, ATTORNEY OR AGENT AS REQUIRED	
NAME	Bennett J. Berson
SIGNATURE	
Registration No. (Attorney/Agent)	37,094
DATE	April 8, 2002

#26 D
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Date of Signature and Deposit: April 8, 2002


Bennett J. Berson

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: William F. Dove
Alexandra Shedlovsky

Date: April 8, 2002

Serial No.: 09/114,973

Group Art Unit: 1632

Filed: 07/14/98

Examiner: J. Woitach

Title: METHOD FOR IDENTIFYING
MUTANTS AND MOLECULES

Docket No.: 960296.95491

PRELIMINARY AMENDMENT

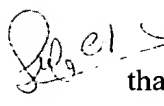
Commissioner For Patents
Washington DC 20231

Dear Sir:

In response to an Office Action mailed November 7, 2001, please amend the application as follows:

In the Claims:

Please amend Claims 27 and 28 and add new Claims 30 – 42, as follows:

 1. A method for identifying a segregating single point mutation at a genetic locus that modifies an index phenotype in a non-human index inbred strain, the segregating mutation causing an outlying phenotype relative to the index phenotype, the method comprising the steps of:

outcrossing at least one male animal of a non-human founder inbred strain to at least one female animal of a non-human index inbred strain to obtain F1 progeny, the founder inbred strain carrying random point mutations relative to a wild-type animal of the founder inbred strain, the index inbred strain carrying a congenic dominant allele at a locus known to confer the index phenotype and being genetically distinguishable from the founder inbred